



HALE URBAN DISTRICT COUNCIL.

ANNUAL REPORTS  
=====

of the

MEDICAL OFFICER OF HEALTH

AND SANITARY INSPECTOR

FOR THE YEAR 1947

=====



HALE            URBAN            DISTRICT            COUNCIL

=====

SANITARY      COMMITTEE

Councillors J. W. PARRY, J.P., C.C. (Chairman).

H. ARNOLD.

J. CLARKE.

S. W. DAVIES.

F. H. HOLMES.

REV. E. B. JONES, M.A., C.F.

J. E. REWELL, F.R.I.B.N.

J. S. J. LAUDER, M.R.C.V.S.

REV. E. A. LEAR.

E. O. MOSS.

J. SPINK.

R. H. TOOTILL, J.P., C.A.

Co-opted Members of the Maternity and Child Welfare Committee:-

MRS. H. LIVESAY.

MRS. R. I. MIDGLEY (Chairman).

MRS. D. MORRISON.

N. S. THOMAS,  
Clerk of the Council.

D. I. CONNOLLY, M.B., Ch.B., D.P.H. (Vict)

Medical Officer of Health.

Medical Superintendent, Child Welfare and Ante-Natal Clinic.

F. J. SALLEY, M.S.I.N., C.S.I.B.

Sanitary Inspector and Cleansing Superintendent.

MISS A. M. L. SHIMMEL, S.R.N., S.C.M., H.V.

Health Visitor, Infant Protection Visitor.

MISS E. DRINKWATER,  
Clerk-Typist.

# STATISTICAL SUMMARY.

## 1. GENERAL STATISTICS.

Area (Statute Acres) ... ..	2,264
Resident Population (Registrar General's Estimate, 1947) ... ..	12,033
Population (Census, 1931) ... ..	10,667
Number of Inhabited Houses (Per Rate Books, 1947)	3,822
Number of Dwellings occupied by one private family (1931) ... ..	2,669
Rateable Value ... ..	£139,331
Sum represented by a penny rate ... ..	£574
Total Rates ... ..	15/-

## 2. VITAL STATISTICS.

	Males.	Females.	Total.
Live Births - Legitimate ...	77	98	175
Illegitimate ...	<u>1</u>	<u>2</u>	<u>3</u>
Total ... ..	<u>78</u>	<u>100</u>	<u>178</u>
	====	====	====
Stillbirths - Legitimate ...	2	2	4
Illegitimate ...	<u>—</u>	<u>—</u>	<u>—</u>
Total ... ..	<u>2</u>	<u>2</u>	<u>4</u>
	====	====	====
Still-birth Rate per 1,000 live and still births..			22.0
Birth-Rate ... ..			14.79
	Males.	Females.	Total.
Deaths ... ..	73	79	152
Death-Rate ... ..			12.63
Deaths from Puerperal Causes ...			1
Death-Rate from Puerperal Causes (per 1,000 births)			5.49
Total Deaths of Infants under one year of age ...			5
Legitimate ... ..			4
Death-Rate per 1,000 legitimate live births..			22.9
Illegitimate... ..			1
Death-Rate per 1,000 illegitimate live births			333.3
Death-Rate of Infants under one year of age ...			28.1
Deaths from Measles (all ages) ... ..			Nil
Deaths from Whooping Cough (all ages) ... ..			Nil
Deaths from Diarrhoea (under 2 years of age) ...			1
Deaths from Cancer ... ..			26

Public Health Department,

Council Offices,

Ashley Road,

HALE, Cheshire.

I have the honour to present my Annual Report for the year 1947.

The birth rate, though continuing high for Hale, is still below that for England and Wales. The number of births exceeded the number of deaths during the year so that the increase of population continues.

The Infant Mortality rate, though slightly higher, is still well below that for the country as a whole.

Cancer deaths continue to be high being due, most likely, to the incidence of age such as prevails in a district like Hale.

Immunisation against Diphtheria continues to be satisfactory. The continued absence of Diphtheria cases would seem to suggest that immunisation is having its desired effect.

The unfortunate epidemic of Poliomyelitis which occurred near the latter part of the year completely cleared up, although it took its toll of deaths and disabilities following on. The bulk of the cases occurred at a time when the incidence over the country as a whole was on the wane.

As this is likely to be the last Annual Report that I shall have the pleasure of presenting to the Council, I take this opportunity of expressing my sincere thanks for the valued help of Mr. Sealey (Sanitary Inspector), Miss Drinkwater, Staff, and all the Members of the Council during my period of office.

D. I. CONNOLLY.

## BIRTHS.

Boys, 78;            Girls, 100;            Total 178.

The number of births registered in the district was 65, from which should be deducted 4 in respect of persons not normally resident in Hale. In addition to these, 117 belonging to the district, but registered elsewhere, have been added, making a total of 178 - the highest number of births in Hale's history, exceeding last year's record total of 170.

This gives a birth-rate of 14.79 per 1,000 of the population, as compared with 20.5 for England and Wales.

## INFANT MORTALITY.

Five deaths occurred among children under one year of age during 1947, as compared with three last year and seven in 1945.

The following table gives the infant mortality rate for this district during the last five years:-

<u>1943.</u>	<u>1944.</u>	<u>1945.</u>	<u>1946.</u>	<u>1947.</u>
68.3	32.3	46.1	17.6	28.1

## DEATHS.

Males, 73;            Females, 79;            Total 152.

This gives a death-rate of 12.63 per 1,000 of the population, about the same as last year's figure of 12.62. The corresponding figure for England and Wales in 1947 was 12.0

## UNCERTIFIED DEATHS AND INQUESTS.

During the year inquests were held in connection with the deaths of 11 persons; in 3 cases death was found to be due to natural causes, and in 8 cases death followed as the result of accidents, or suicide.

## CANCER (MALIGNANT DISEASE).

There were 26 deaths from Cancer (17 males, 9 females), giving a rate of 2.16 per 1,000 of the population.

### Classified Deaths from Cancer.

Localisation	No.
Mouth and Oesophagus	-
Generative Organs	3
Stomach and Duodenum	3
Breast	2
Other Sites...	18
TOTAL	26

## ORGANIC HEART DISEASE.

During the year there were 42 deaths from heart diseases, giving a death-rate of 3.49 per 1,000 of the population.



## RESPIRATORY ORGANS.

The deaths numbered 16 (Pulmonary Tuberculosis 5; Bronchitis 7; Pneumonia 4; Other Respiratory Disease Nil), giving a death-rate of 1.33 per 1,000.

## PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

During the year 65 cases of Infectious disease, other than Tuberculosis, were notified, this total being made up as follows:-

Tables of Notifiable Diseases (Other than  
Tuberculosis).

Disease	No. Notified.	Admitted to Hospital.	Total Deaths
Smallpox ... ..	-	-	-
Scarlet Fever ... ..	6	-	-
Whooping Cough ... ..	11	-	-
Diphtheria ... ..	-	-	-
Enteric Fever ... ..	-	-	-
Pneumonia ... ..	9	1	4
Puerperal Pyrexia ... ..	1	1	-
Erysipelas ... ..	2	1	-
Measles ... ..	29	-	-
Poliomyelitis ... ..	7	7	2
Totals ... ..	65	10	6

These include 7 Poliomyelitis cases, one occurring in August and the remaining six between the end of October and the beginning of December. Two of the cases were fatal, these being the only adult cases. The five children affected have recovered, although partial paralysis remains in some cases. These five children covered three households, two brothers being affected in one case, and a brother and sister affected in another. A local private school was closed by the proprietors during the outbreak and the Child Welfare Clinic was also closed as a precaution.

Disinfection was carried out as in previous years by spraying infected rooms with formalin solution and fumigating with vapour. Infected bedding and clothing are treated with steam or destroyed. Disinfectants are supplied free to residents of Hale.

Number of houses fumigated during 1947	...	...	...	21
Number of Schools fumigated during 1947	...	...	...	Nil
Number of rooms fumigated during 1947	...	...	...	67
Bedding and other articles disinfected	...	...	...	19
Bedding destroyed...	...	...	...	3
Ambulances or Cars fumigated	...	...	...	1

## IMMUNISATION.

The campaign for the immunisation of children against Diphtheria has been successfully continued. The Health Visitor personally campaigns to secure the immunisation of children in their early months. Children are received for immunisation at the Maternity & Child Welfare Clinic. The local practitioners also contribute to the campaign, and almost 70% of the children of the district are protected:-

# Immunisation (continued)

	Under 5	5 - 15	Total
Total children immunised during year	125	9	134
Estimated Child Population	900	1280	2180
Total number of children immunised at end of year	406	1114	1520
Percentage of children immunised at end of year	45.1	87.0	69.7

## TUBERCULOSIS.

Particulars of new cases of tuberculosis and of deaths from the disease are given in the following table:-

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M	F	M	F	M	F	M	F
Years								
0 - 1 ...	-	-	-	-	-	-	-	-
1 - 5 ...	-	-	-	1	-	-	-	-
5 - 15 ...	-	-	-	1	-	-	-	-
15 - 25 ...	3	-	-	1	-	-	-	-
25 - 35 ...	2	3	-	-	-	-	-	-
35 - 45 ...	-	1	-	-	-	2	-	-
45 - 55 ...	-	-	-	-	2	-	-	-
55 - 65 ...	1	-	-	-	1	-	-	-
65 and upwards	1	-	-	-	-	-	-	-
TOTALS..	7	4	-	3	3	2	-	-
	11		3		5		-	

The number of cases receiving sanatorium treatment during the year was 7.

The notification of tuberculosis is satisfactory, and it has not been necessary to take any action in cases of neglect or refusal to notify.

At the end of the year there were 68 cases of Tuberculosis in this district, as compared with 62 at the outbreak of war in 1939. Details are as follows:-

	MALES		FEMALES		TOTALS
	Pulmonary	Non- Pulmonary	Pulmonary	Non- Pulmonary	
1939	20	5	18	19	62
1947	21	9	19	19	68

## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

There has been no change in the provisions previously recorded which are as follows:-

### Bacteriological Examination in Diagnosis of Infectious Disease.

The following is a statement of the bacteriological examinations of specimens sent from this District during the year. The examinations of sputum for human tuberculosis were carried out at the laboratory of the County Medical Officer of Health. Other specimens were examined at the Public Health Laboratory of the Victoria University of Manchester.

DIPHTHERIA		TYPHOID FEVER		SCARLET FEVER		TUBERCULOSIS		OTHER EXAMINATIONS
Total	Positive	Total	Positive	Total	Positive	Total	Positive	
30	-	-	-	14	2	17	2	1

The Cheshire County Council make arrangements for the examination of specimens in the detection of venereal diseases.

### AMBULANCE FACILITIES.

(a) Infectious cases are removed in Motor Ambulances arranged by the North Cheshire Joint Hospital Board.

(b) Two Motor Ambulances are provided by the Hale and Bowdon Joint Fire and Ambulance Committee; the service is adequate. The Ambulances are available both day and night for the removal of cases of accident or sudden illness; they are also available for the removal of cases requiring hospital or surgical treatment, by arrangement.

### Professional Nursing in the Home.

Through the local Nursing Association the services of six nurses are available for general nursing. The Association is entirely voluntary.

There are also arrangements in force whereby the services of these nurses can be placed at the disposal of the Council, when required in connection with Maternity and Child Welfare Work.

Private nurses are available from various Nurses' Homes situate in Manchester and the neighbouring districts.

### MIDWIVES.

There is no employment of (or subsidy to) practising midwives in the district, by this Council, as the Midwives' Act is administered by the Cheshire County Council.



### Hospital Accommodation.

#### INFECTIOUS DISEASES.

The North Cheshire Joint Hospital Board, of which this Council is one of the Constituent Authorities, have, by the terms of an agreement with the Manchester Corporation, the use of 45 beds in Monsall Hospital, belonging to the Manchester Corporation, for cases of Infectious Disease, and an option, subject to six months' notice during the subsistence of the agreement, for the further use of an additional number of beds not exceeding ten.

#### SMALL POX.

Also, by the terms of the above agreement, the Manchester Corporation will receive and treat at their Clayton Hospital such cases of Small Pox occurring within the district as may be sent to such Hospital by the Board.

#### TUBERCULOSIS.

The Board have the call on ten beds in Baguley Sanatorium for the accommodation and treatment of cases of Phthisis occurring within the area.

-----

There are no treatment centres or clinics other than the one established under the Maternity and Child Welfare Scheme.

### Hospital Contributions.

The Council subscribes to and make direct arrangements with the following Hospitals:-

- The Royal Infirmary, Manchester - General Medical and Surgical.
- St. Mary's Hospital, Manchester - Maternity Cases.
- The Manchester and Salford Hospital for Diseases of the Skin.
- The General Hospital, Altrincham - Consisting of 100 beds, affording Medical, Surgical, X-ray, Electrical and Massage Treatment.
- The Royal Manchester Children's Hospital.
- The Altrincham and District Orthopaedic After-Care Clinic.

The whole of the above Hospitals are maintained by voluntary contributions.

Other voluntary Hospitals, situate in the City of Manchester, are available for the reception and treatment of patients from the district of Hale, and arrangements exist with the Cheshire County Council for the admission of maternity cases to Southfields Maternity Home, where home conditions or potential complications warrant it.

### MATERNITY AND CHILD WELFARE CENTRE.

-----

This Centre is in a central position, and is provided by the Council with subsidy. Sessions are held every Wednesday, with the exception of the first Wednesday in each month, when the Ante-Natal Clinic is held. The total number of sessions held during the year was 36.

The Centre is under the direct supervision of the Medical Officer of Health, assisted by a nurse and staff of voluntary workers. It gives great pleasure once again to express appreciation of the work done by these ladies.

The following figures of attendances will show the work of the Centre during the year 1947:-

	<u>Total</u>
1. Number of attendances at the centre during the year ... ..	2151
(a) Children under 1 year ... ..	1660
(b) Children 1 to 5 years ... ..	491
2. Number of children attending for the first time:-	
(a) Children under 1 year ... ..	136
(b) Children 1 to 5 years ... ..	6
3. Number of children in attendance at the end of the year:-	
(a) Children under 1 year ... ..	102
(b) Children 1 to 5 years ... ..	177

#### CLASSIFIED LIST OF VISITS MADE BY HEALTH VISITOR.

Total Number of visits ... ..	912
To Expectant Mothers:-	
First visits ... ..	28
Total visits ... ..	32
To Children under 1 year:-	
First visits ... ..	190
Total visits ... ..	342
To Children aged 1 to 5 years:-	
Total visits ... ..	538

#### ANTE-NATAL CLINIC.

Sessions are held once every month (Wednesday afternoons) under the supervision of the Medical Officer of Health, assisted by the Health Visitor. Routine examinations are carried out, advice given, and necessary information forwarded to the midwife or medical practitioner engaged to attend at the time of confinement.

Arrangements have been made with Dr. K. Vernon Bailey, Consulting Obstetrician, to whom cases can be referred and interviewed at his private consulting rooms, 2, St. John Street, Manchester. Arrangements can also be made for the Specialist to be in personal attendance at the Clinic.

Number of sessions held during the year ... ..	12
Total number of attendances ... ..	127
Number of Expectant Mothers attending during the year	50

Two patients were referred to hospital for further consultation during the year. Four maternity patients were sent to St. Mary's Hospital for their confinements and two cases attended by the Emergency Unit of St. Mary's Hospital. Twenty expectant mothers were admitted to the Southfields County Maternity Home during the year.

Six mothers attended the Centre for post-natal examination.

#### DENTAL TREATMENT.

Free dental treatment is available to Ante-Natal patients in necessitous cases. During the year no patients received treatment at the expense of the Council.

## CARE OF PREMATURE INFANTS.

Information secured from practitioners and midwives with regard to premature babies born during the year, is as follows:-

Born (a)	At home	....	...	...	...	...	...	2
(b)	In hospital or nursing home	...	...	...	...	...	...	15

The number of those born at home:-

(a)	Who were nursed entirely at home	...	...	...	2
(b)	Who died during the first 24 hours...	...	...	...	-
(c)	Who survived at the end of one month	...	...	...	2

The number of those born in hospital or nursing home:-

(a)	Who died during the first 24 hours...	...	...	4
(b)	Who survived at the end of one month	...	...	11

In all cases observation is maintained by the Health Visitor.

The Ambulance available in this area is provided with Oxygen apparatus as recommended, for the transport of premature babies.

## HOME AND DOMESTIC HELP SERVICES.

The Council's two helps were engaged for 29 cases of which 18 were in respect of maternity cases, and 11 in respect of general illness. The usual duration of the engagement on each case is a fortnight, and the service is usually very much appreciated by the persons availing themselves of it.

## ORTHOPAEDIC TREATMENT.

Treatment is available for children from this area at the Altrincham Orthopaedic Clinic, which is supported by voluntary contributions. The Clinic meets on Tuesday afternoons at the Altrincham General Hospital, and is under the supervision of Mr. H. Poston, F.R.C.S.

## PREVENTION OF BLINDNESS.

No action was necessary under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for treatment of persons suffering from any disease or injury to the eyes.

## MATERNAL MORTALITY.

One maternal death was notified in this area during 1947.

Enquiries, respecting Maternal Deaths belonging to this district are made by the County Medical Officer of Health.

## CARE OF ILLEGITIMATE CHILDREN.

The number of illegitimate children born in the district is very small; 3 being recorded during the year as against 9 in 1946.

Although there is no Institution in this area for the reception of unmarried mothers, arrangements can be made with the County Council for their admission to a Maternity Home for the period covered by their confinement. The Diocesan Moral Welfare Officer is in close contact with many of these cases.



## CHILD LIFE PROTECTION.

The Health Visitor is appointed Child Protection Visitor to carry out the duties detailed in the Public Health Act, 1936.

Number of Children on Register at commencement ...	...	2
Number of Notices received respecting Children ...	...	Nil
Number of Children whose names were removed from Register on account of removal ...	...	Nil
Number of Children who died during the year ...	...	Nil
Number of Children adopted by Foster Parents ...	...	Nil
Total now remaining on Register ...	...	2

The Children have all been found to be satisfactorily cared for, and it has not been necessary to institute any proceedings under this Act.

## DISINFESTATION.

No action has been necessary by the Department with regard to Scabies or Lice.

Details of disinfestation with regard to Bugs, and Rats and Mice will be found in the accompanying Report of the Sanitary Inspector.

## DISTRIBUTION OF MILK AND FOODS.

During the year the following milk and foods were sold at the Clinic:-

Cod Liver Oil and Malt...	...	...	...	...	...	187 jars
Calcium Tablets ...	...	...	...	...	...	55 boxes
Lactagol ...	...	...	...	...	...	103 packets
Vitamin A. & D. Tablets ...	...	...	...	...	...	196 boxes
Cow & Gate Food ...	...	...	...	...	...	2614 packets
Ostermilk ...	...	...	...	...	...	1065 packets
Prenatalac ...	...	...	...	...	...	139 packets
Trufood ...	...	...	...	...	...	232 packets
Lactogen ...	...	...	...	...	...	248 packets

The total proceeds of the sale of foods at the Clinic during the year was £459.0.0d.



TABLE 1.  
HALE URBAN DISTRICT.

Causes of Death for the year 1947.

CAUSE OF DEATH	M.	F.	TOTAL
Pulmonary Tuberculosis ... ..	3	2	5
Other forms of Tuberculosis ... ..	-	-	-
Syphilitic Diseases ... ..	-	-	-
Influenza ... ..	-	-	-
Polio-myelitis & Polio-encephalitis ...	-	2	2
Cancer ... ..	17	9	26
Diabetes ... ..	-	3	3
Cerebral Haemorrhage ... ..	9	19	28
Heart Disease... ..	18	24	42
Other Circulatory Diseases ... ..	2	2	4
Bronchitis ... ..	6	1	7
Pneumonia ... ..	1	3	4
Other Respiratory Diseases ... ..	-	-	-
Ulcer of Stomach or Duodenum ... ..	1	-	1
Diarrhoea (under 2 years)... ..	-	1	1
Appendicitis ... ..	1	1	2
Other Digestive Diseases ... ..	-	1	1
Nephritis ... ..	4	3	7
Puerperal Sepsis ... ..	-	-	-
Other Maternal Causes ... ..	-	1	1
Congenital Malnutrition, birth injuries & ) infant Diseases )	2	-	2
Premature Birth ... ..	1	1	2
Suicide ... ..	2	-	2
Other Violent Causes ... ..	2	2	4
All Other Causes ... ..	4	4	8
TOTALS ... ..	73	79	152

TABLE 2.  
HALL URBAN DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT during 1947 and previous years

Year	Population middle of each year	BIRTHS		Total Deaths registered in the District Number	TRANSFERABLE DEATHS		NET DEATHS BELONGING TO THE DISTRICT				
		Un- corrected Number	Net Number Rate		of Non- residents registered in the District	of Residents not registered in the District	Under 1 year of Age Number	Rate per 1,000 births	At all Ages Number	Rate	
1938	11,750	66	138	11.77	85	3	38	3	21.74	120	10.24
*1939	11,680(a) 12,040(b)	61	122	10.96	103	6	38	2	16.39	135	11.21
1940	12,610	51	99	7.85	123	8	58	1	10.10	173	12.35
1941	12,270	54	125	10.19	93	12	68	4	31.0	149	12.14
1942	11,830	48	138	11.67	81	5	51	7	50.8	127	10.73
1943	11,450	58	151	14.06	91	4	58	11	63.5	145	12.66
1944	11,440	41	155	13.55	114	4	45	5	32.3	155	13.35
1945	11,430	48	152	13.47	106	13	54	7	46.1	147	12.86
1946	11,970	59	170	14.20	99	4	56	3	17.6	151	12.62
1947	12,035	65	178	14.79	105	4	51	5	28.1	152	12.63

Area of the District in acres (land and inland water) ... 2264 (Statute)  
Total Population at all ages ... 10,667 at Census of 1931.

\* (a) indicates residential population  
(b) " average population appropriate to calculation of death-rate.

TABLE 3.

Cases of INFECTIOUS DISEASE notified during the Year 1947.

DISEASE	Total No. Cases notified	Ind. 1	AT AGES - YEARS										WARD DISTRIBUTION				Cases removed to Hospitl	Total Deaths
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Central	North	South-East	West	
Scarlet Fever	6	-	-	-	2	1	2	1	-	-	-	-	-	1	1	1	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	9	-	-	-	1	1	1	-	-	1	2	2	2	2	2	4	1	4
Erysipelas	2	-	-	-	-	-	-	-	-	-	-	2	-	-	1	1	-	-
Pulmonary Tuberculosis	41	-	-	-	-	-	-	-	1	7	1	1	1	5	5	1	2	5
Non-Pulmonary Tuberculosis	5	-	-	-	1	-	1	-	-	1	-	-	-	-	-	3	-	-
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis	7	-	-	1	-	-	3	1	-	2	-	-	-	-	-	4	-	2
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Measles	29	1	1	3	2	2	15	2	2	1	-	-	-	7	5	10	7	-
Whooping Cough	11	-	3	2	1	2	3	-	-	-	-	-	-	7	-	2	2	-
Totals	79	1	4	6	6	6	25	4	3	13	5	5	3	23	18	26	12	11



R E P O R T       O F       S A N I T A R Y  
I N S P E C T O R.

To the Chairman and Members of the  
Hale Urban District Council.

Gentlemen,

I beg to present my Annual Report for the year 1947.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

There still remain only seven houses, all in the isolated parts of the area, which are without mains water.

Mains water is supplied by the Manchester Corporation, and a constant supply of excellent quality is maintained. Supply is in all cases direct to the houses, standpipes being non-existent in the area.

I am indebted to the Engineer of the Manchester Corporation Waterworks for the following information with regard to the supply:-

"The water supply has been satisfactory in quality and quantity.

Bacteriological examinations are made of the raw water and of the water going into supply. In the latter case, out of 102 samples tested, 96 were found to be free from coliform bacteria. The results of the chemical analyses were satisfactory.

As a precaution against plumbo-solvent action, the water is treated with hydrated lime. This reduces the lead content of water after standing for 18 hours in lead service pipes to about 0.2 part per million."

SEWERAGE AND SANITARY ACCOMMODATION.

During the year 1 waste water closet was abolished and 4 pail closets were converted, leaving in the district 41 pail closets, but the absence of available sewers and mains water supply prevents the installation of water closets at the houses which are at present served by these conveniences.

It is pleasing to record in this connection that a start was made during the year with the scheme for the re-sewerage of the greater part of the district, with the provision of sewers in a substantial part of the present unsewered area. The scheme provides for the laying of  $5\frac{3}{4}$  miles of sewers, and the installation of a rising main and pumping station to convey the north watershed sewage, at present dealt with by Altrincham Corporation, towards the Council's own sewage works. In addition to making possible the abolition of most of the remaining pail closets this scheme is calculated to eliminate the surcharge and cellar flooding which has prevailed in the various parts of the district for a number of years.

Total number of Water Closets	...	...	4051
Total number of Pail Closets	...	...	41



## SMOKE ABATEMENT.

Observation has been kept on the two laundry chimneys and in one case automatic stoking arrangements provided with considerable improvement as far as smoke emission was concerned.

## ERADICATION OF BED BUGS AND OTHER INSECT PESTS.

No cases of bug infestation were discovered during the year, but the help of the Department was sought in eliminating other insets - D.D.T. and Cymag were successfully used. The Council's Tip was successfully treated against crickets with Gammexane.

## PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS AND REGULATIONS.

There are several stables and one knacker's yard in the district. Removal of refuse is required weekly. 23 inspections have been made to ensure compliance with this requirement.

## SANITARY INSPECTIONS OF THE DISTRICT.

### SUMMARY OF ROUTINE INSPECTIONS.

Inspections of dwelling houses re complaints	...	...	154
Inspections of dwelling houses re overcrowding	...	...	1
Inspections re Council House Applications...	...	...	35
Number of visits re infectious disease	...	...	28
Disinfections	...	...	1
Inspections of houses for dilapidated ashbins	...	...	15
Inspections re Building Licences, etc.	...	...	623
Inspections of caravans...	...	...	2
Inspections of cowsheds...	...	...	9
Inspections of dairies and milkshops	...	...	38
Inspections of Milk Vehicles	...	...	4
Inspections of Ice Cream premises	...	...	14
Inspections of bakehouses	...	...	65
Inspections of butchers' shops	...	...	7
Inspections of meat after home slaughter	...	...	-
Inspection of fishmongers' shops	...	...	1
Inspection of fried fish shops	...	...	-
Inspections of other food shops and stores	...	...	25
Inspections of Cafés, Restaurants and Factory Canteens	...	...	3
Inspections of Schools	...	...	2
Inspections of factories (with mechanical power)	...	...	72
Inspections of factories (without mechanical power)	...	...	8
Inspection of Outworkers' Premises	...	...	-
Inspections re water samples	...	...	4
Inspections re sanitary accommodation	...	...	6
Inspections re drainage and septic tank installations...	...	...	46
Inspections of houses re Rats and Mice	...	...	17
Inspections re salvage	...	...	-
Inspections re refuse removal...	...	...	11
Inspections of refuse tip	...	...	9
Inspections of shops	...	...	2
Inspections of knacker's yard...	...	...	10
Inspections of stables	...	...	13
Inspections of piggeries	...	...	3
Inspections re keeping of animals	...	...	4
Inspections under Petroleum Acts	...	...	1
Smoke observations	...	...	3
Miscellaneous inspections and visits	...	...	72
			<u>1308</u>
Revisits re work ordered or in progress	...	...	<u>210</u>
Total Number of inspections and revisits	...	...	<u>1518</u>
			====

## COMPLAINTS.

132 complaints were received and investigated during the year.

## NOTICES.

Informal Notices served during the year	...	...	...	94
Statutory Notices served during the year	...	...	...	-
Informal Notices complied with during the year	...	...	...	98
Statutory Notices complied with during the year	...	...	...	-

## IMPROVEMENTS.

### HOUSING -

Damp walls rendered internally...	...	...	...	...	1
Brickwork repaired or repointed	...	...	...	...	6
Roofs repaired and rendered watertight	...	...	...	...	20
Chimney stacks repaired or rebuilt	...	...	...	...	1
Eaves gutters cleansed or repaired	...	...	...	...	13
Rain water pipes repaired or renewed...	...	...	...	...	10
Windows made to open or otherwise repaired...	...	...	...	...	5
Hot water systems improved	...	...	...	...	1
Rats and mice exterminated	...	...	...	...	13
Sink or bath wastepipes renewed or repaired	...	...	...	...	1
Baths provided	...	...	...	...	1
Sinks renewed or provided	...	...	...	...	1
Washbasins renewed...	...	...	...	...	1
Disinfested after bugs or fleas or other insect pests	...	...	...	...	2
Accumulations of refuse, etc. removed	...	...	...	...	2
Nuisance from keeping animals abated...	...	...	...	...	5
Boundary fences and walls repaired or renewed	...	...	...	...	4
Yard paving repaired	...	...	...	...	2

### DRAINAGE -

Public Sewers cleansed	...	...	...	...	...	3
Drainage systems repaired or reconstructed	...	...	...	...	...	12
Choked drains cleared	...	...	...	...	...	18
Septic tank plants cleansed or otherwise put in order...	...	...	...	...	...	3
Sub-soil drains cleansed	...	...	...	...	...	2

### SANITARY CONVENIENCES -

Water closets provided in lieu of pail closets....	...	...	...	...	4
New basins provided	...	...	...	...	2
Flushing cisterns repaired or renewed	...	...	...	...	4
W.C's otherwise repaired	...	...	...	...	4
Waste Water Closets abolished...	...	...	...	...	1

### REFUSE RECEPTACLES -

Dilapidated ashbins renewed	...	...	...	...	...	8
Ashbins provided	...	...	...	...	...	1
Unsatisfactory refuse receptacles replaced	...	...	...	...	...	6

Other Improvements	...	...	...	...	...	...	...	12
--------------------	-----	-----	-----	-----	-----	-----	-----	----

TOTAL IMPROVEMENTS	...	...	...	...	...	...	...	160
--------------------	-----	-----	-----	-----	-----	-----	-----	-----

==

# HOUSING.

## STATISTICS.

Number of New houses erected during the year:-

- (a) Total (including numbers given separately under (b))
  - (i) By the Local Authority ... .. 4
  - (ii) By other Local Authorities ... .. Nil
  - (iii) By other bodies and persons ... .. 26
  - (iv) Extra Housing Units created by Flat Conversions, etc. 48
- (b) With State assistance under the Housing Acts ... .. 4

### 1. Inspection of Dwelling-houses during the year:-

- (1)(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...127
- (b) Number of inspections made for the purpose... ..127
- (2)(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932. 1
- (b) Number of inspections made for the purpose... .. 1
- (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. 1
- (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...107

### 2. Remedy of Defects during the year without service of formal Notices:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..110

### 3. Action under Statutory Powers during the year:-

- (a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:
  - (1) Number of dwelling-houses in respect of which notices were served requiring repairs ... Nil
  - (2) Number of dwelling-houses which were rendered fit after service of formal notices:-
    - (a) By owners ... Nil
    - (b) By Local Authority in default of owners ... Nil
- (b) Proceedings under Public Health Acts:
  - (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... Nil
  - (2) Number of dwelling-houses in which defects were remedied after service of formal notices:-
    - (a) By owners ... Nil
    - (b) By Local Authority in default of owners ... Nil
- (c) Proceedings under sections 11 and 13 of the Housing Act, 1936:-
  - (1) Number of dwelling-houses in respect of which Demolition Orders were made ... Nil
  - (2) Number of dwelling-houses demolished in pursuance of Demolition Orders ... Nil
  - (3) Number of dwelling-houses in respect of which undertakings not to re-let for human habitation were accepted ... Nil
- (d) Proceedings under section 12 of the Housing Act, 1936:-
  - (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... Nil
  - (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... Nil

### 4. Housing Act, 1936 - Part IV - Overcrowding:-

Cases of overcrowding abated during the year ... .. 4



## ISSUE OF BUILDING LICENCES.

The issue of Building Licences is carried out by the Sanitary Inspector.

During the year 1373 Building Licences and 139 WBA Certificates were issued. Work carried out during the year resulted in the creation of a further 44 housing units, made up as follows:-

Extra Units by Flat Conversions, etc. ... 18  
New Houses completed ... .. 26

## FACTORY AND WORKSHOP ACT, 1901 and FACTORY ACT, 1937.

During the year 80 inspections of factories and workplaces were made; 1 written notice was served and verbal intimation of infringements was given at 3 premises.

### 1. INSPECTION for purposes of provisions as to health.

PREMISES	NUMBER OF		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories with mechanical power ...	72	1	Nil
Factories without mechanical power...	8	Nil	Nil
Other Premises under the Act (including works of building and engineering construction, but not including outworkers' premises) ... ..	Nil	Nil	Nil
TOTAL... ..	80	1	Nil

### 2. DEFECTS FOUND.

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted. (5)
	Found (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of cleanliness (S.1) ...	2	2	-	-
Overcrowding (S.2) ...	-	-	-	-
Unreasonable temperature (S.3) ...	-	-	-	-
Inadequate ventilation (S.4) ...	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-
Sanitary Conveniences (S.7):				
Insufficient ... ..	1	1	-	-
Unsuitable or defective ...	-	-	-	-
Not separate for sexes ...	-	-	-	-
Requiring cleansing ...	-	-	-	-
No intervening ventilated space	-	-	-	-
Other offences (not including offences relating to Home work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1924, and re-enacted in the Third Schedule to the Factories Act, 1937)	2	2	-	-
TOTAL ... ..	5	5	Nil	Nil



## MEANS OF ESCAPE IN CASE OF FIRE -

No certificates of means of escape in case of fire were issued during the year.

## SHOPS ACT, 1934 -

No action has been necessary in respect of the provisions of Section 10 of the Shops Act, 1934, during the year.

## MILK SUPPLY -

The eight cowsheds and fourteen dairies in the district have maintained a good standard of cleanliness during the year. Four of our eight cowkeepers are now producing "Accredited" milk.

There were 53 purveyors retailing milk in Hale at the end of 1947. Two new dairies were provided during the year, one in substitution for less satisfactory premises. One existing dairy was structurally improved during the year.

## MILK (SPECIAL DESIGNATIONS) ORDER, 1936 -

With a view to increasing the consumption of designated milk the Council again decided to issue all licences under the Order free of charge during 1948.

9 Licences were issued under the Order during the year:-

Designation	Bottlers	Dealers	Supplementary	Totals
Tuberculin Tested ... ..	2	2	2	6
Accredited ... ..	1	-	-	1
Pasteurised ... ..	-	-	2	2
Totals ... ..	3	2	4	9

## BACTERIOLOGICAL EXAMINATION OF MILK -

During the year 5 samples of milk were taken for examination. The detailed results of 15 tests carried out were as follows:-

	Methylene Blue Test		B. Coli		Plate Count Test		Phosphatase Test		Tuberculosis		Total Examinations.
	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Negative.	Positive.	
Tuberculin Tested Milk	-	-	-	-	-	-	-	-	-	-	-
Accredited Milk	-	2	-	2	-	-	-	-	2	-	6
Pasteurised Milk	2	-	2	-	-	-	2	-	-	-	6
Non-Designated Milk	-	1	-	1	-	-	-	-	1	-	3
Totals	2	3	2	3	-	-	2	-	3	-	15

It will be noted that 9 of the 15 tests proved satisfactory, and it is pleasing to record that the 3 samples submitted for tubercle bacilli examination all proved negative -- only one out of the last 46 samples since 1943 has been affected.

All the examinations were carried out at the Public Health Laboratory, York Place, Manchester.

#### ICE CREAM PREMISES.

Ice cream is manufactured at 7 premises in Hale, all of such premises being maintained in satisfactory condition, structural improvements being carried out at one such premises during the year. Only one of these premises was satisfactorily equipped to use a hot mix, as required by the Ice Cream (Heat Treatment) Regulations, 1947, at the commencement of the Regulations, but equipment was ordered by the owners of all other premises during the season and should be available for the 1948 season.

#### INSPECTION OF MEAT AND OTHER FOODS -

There are no registered or licensed slaughterhouses in the district. Butchers obtain their meat supplies from Altrincham. 7 visits have been made to the shops, and the meat exposed for sale was of reasonable quality.

The following foods were condemned and destroyed:-

84 lbs. Finnan Haddock.  
20 lbs. Sugar.  
472 Tins & Packets Assorted Foods.

#### FOOD PREMISES -

Structural improvements were effected at 3 bakehouses during the year. Pressure was brought to bear at another bakehouse and the necessary improvement in cleanliness secured.

#### FOOD AND DRUGS ACT, 1938 - SAMPLING.

The taking of samples under the Food and Drugs Act, 1938, is carried out by the Cheshire County Council.

I am indebted to Mr. S. Hallard, Chief Weights and Measures Inspector, Cheshire County Council, for the following report on the work under this heading, carried out during the year:-

Name of Sample	Number of samples obtained.	Number adulterated or not up to the recognised standard of quality.
Basilicon Ointment...	1	-
Boracic Ointment ...	1	-
Cake (Malt/Fruit) ...	1	-
Custard Flavour ...	1	-
Eucalyptus Ointment ...	1	-
Fish Dressing ...	1	-
Fish Pastes ...	2	-
Gelatine (Ground) ...	1	-
Gravy Browning ...	1	-
Gregory Powders ...	1	-
Meat Pies ...	1	-
Milk ...	22	4
Totals ...	34	4

FOOD AND DRUGS ACT, 1938 - SAMPLING  
(Continued)

Particulars of Samples not up to Standard.

<u>No.</u>	<u>Article.</u>	<u>Analysis.</u>	<u>Remarks.</u>
1	Milk	8.3 deficient in fat.	Sample purchased from retailer in street. Seller cautioned.
2	Milk	50% deficient in fat.	Bottle purchased in street, from retailer, during extremely cold weather. Public Analyst found milk clotted with ice and therefore it could not be considered a fair sample. See No.3.
3	Milk	21.6 deficient in fat.	Obtained four days later from same seller as No.2. See also No.4. Legal Proceedings were instituted on this sample but defendant died before service of summons.
4	Milk	32.3 deficient in fat.	At the request of the seller of No.3 this sample was taken on the day after No.3 had been obtained. A sample was subsequently taken from each of four churns in course of delivery from the farmer supplying this retailer and all were found to be genuine.

PUBLIC CLEANSING SERVICE -

The Council maintained weekly emptying of ashbins with few exceptions, in spite of labour difficulties and inadequacy of transport which was, however, remedied towards the end of the year by the delivery of a new S. & D. Freighter. The service now has 3 such vehicles, the replaced one being retained as a stand-by vehicle.

The collection of refuse is carried out by the Local Authority over the whole district.

SALVAGE -

The Salvage collection shows an increase on the very low figures for 1946. Details are as follows:-

DESCRIPTION	WEIGHT			VALUE £. s. d.
	Tons.	Cwts.	Qrs.	
Paper and Cardboard ...	57	10	-	366.11. 2
Rags and other Textiles	1	3	2	12. 3. 0
Totals ... ..	58	13	2	378.14. 2
Totals for 1946	50	6	-	323. 9. 3



## RATS AND MICE DESTRUCTION -

The Council continue to act as agents for the Cheshire County Council in executing their functions under the Rats & Mice Destruction Act and The Infestation Order, 1943, insofar as non-agricultural premises are concerned.

The primary work of investigation is carried out by myself and the actual baiting by one of the Council's workmen, trained in disinfection methods.

13 premises were found to be infested during the year, although the infestations were generally small, and more often than not associated with poultry keeping. In all cases the work of disinfection was successfully undertaken by the Council.

In addition periodic treatments at least once every month are carried out at the Council's Tip.

I am, gentlemen,

Your obedient servant,

F. J. SEALEY,

Sanitary Inspector.





